WR201

802.11g Wireless AP with 5.1 Channel Sound Card

Introduction

The **WR201** is an 802.11g Wireless AP with 5.1 Channel Sound Card that combines IEEE 802.11b/g wireless networking and audio capabilities, enabling convergence of data and audio on wireless infrastructures to deliver tremendous efficiency and superb sound quality.

The **WR201** connects to your existing home stereo by standard electronic cables, whereas the connection to your computers is by 802.11g wireless networking. Besides functioning as an 802.11g AP, the **WR201** receives PC audio and transmits to your home stereo via the wireless connection, allowing any computer in its vicinity to have a 2.1 or 5.1 Channel surround sound speakers. Users can therefore sit at their desks and enjoy their digital music files or world Internet radio with the great sound quality.

An easy and intuitive user interface facilitates users' operation and guarantees a pleasant and effortless installing experience. The powerful software that comes with the device lets your computer automatically detect the **WR201** and recognize it as a sound card device. Just three steps and you are connected

Features

- Compatible with 802.11g and 802.11b (2.4GHz) Standards
- Wireless Security with 64/128-bit WEP, WPA, WPA2
- Web-based Utility for Easy Configuration from Any Web Browser
- Streams and plays MP3s and Windows Media format digital files from all of your networked PCs and Internet radio directly to your home stereo
- Listen through your stereo, boom box, headphones, or powered speakers
- Supports Windows 2000/ XP
- Supports Auto-Discovery for Wi-SonicTW audio devices
- Provides Easy-Connect for audio GUI
- C-Media proprietary real-time Wi-Sonic Streaming
- Supports 2.1 and 5.1 channel wireless audio
- Integrated S/PDIF transmitter supports 44.1k/48k/96KHz sample-rate and 16/24bits resolution
- Supports the latest Dolby® Digital EX and DTS ®ES 6.1/7.1CH DVD soundtrack playback.
- C-Media Xear 3D™ 7.1 Virtual Speaker SHIFTER technology

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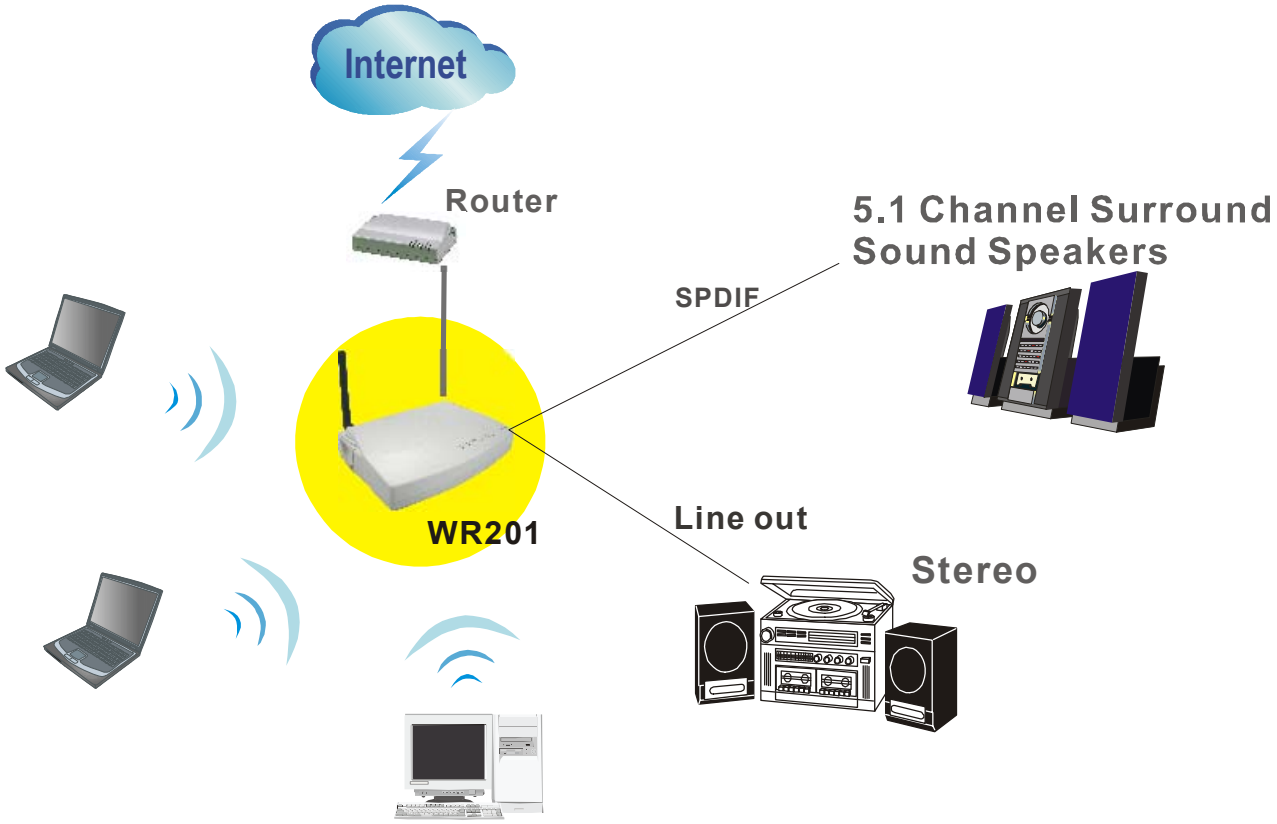
- Sensaura®CRL3D HRTF 3D positional sound enhancement with multi-drive 7.1, EnvironmentFX, ZoomFX, MacroFX, etc.
- Supports Magic Voice™ to change users' voice tone for IP phone, online games, and messenger applications
- 10-band Equalizer with 12 preset modes; 27 global environment effects
- HRTF-based 3D positional audio(C3DX™) for 4 / 6 CH output.
- Dolby Digital Live supported.

Application



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WR201

Specifications[i]

General	
Chipset	RTL8722, RLT 825, CMI8769
Standard	IEEE 802.11b, Wi-Fi compliant/IEEE 802.11g standard
Flash Memory	2 MByte
SDRAM	16 MByte
Interfaces	1x 3.5mm mini-Audio jack ; 1* SPDIF(Optical out); 1* Power Jack Power for DC 9V / 700 mA; AC Adapter 100V~240V; 1* Antenna SMA connector; 1* Reset button; 1* LAN
LED Indicator (5 LEDs)	Power LED (power up)： Green Wireless Link/act：Green WAN Link/Act：Green Status：Green Audio Link: Blue
Power Requirement	9V, 700mA (DC)
Physical Specifications	Weight：TBD 141mm(W)*100mm(D)*27mm(H)
EMC Certification	TBD
Supported OS	Windows 2000/XP
Wireless	
Antenna	Single Detachable Dipole Antenna
Frequency Range	2.412GHz-2.4835GHz
Number of Selectable Channels	USA, Canada: 11 channels Europe: 13 channels Japan: 14 channels
Modulation Technology	802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing

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Data Rate	802.11b(11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps) 802.11g(54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
Throughput	15 dBm+10%
Receiver Sensitivity	-80dBm (11Mbps), -66dBm(54Mbps)
Transmit Power	OFDM : TBD(54Mbps) CCK : 14dBm (11Mbps)
Audio	
Audio D/A converter	24bit/96kHz
Frequency response	5Hz~22KHz
SNR	101 (dB)
Frequency response	5Hz~22KHz

[i] Specifications are subject to change without notice.

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